Table 12.1 Cancer of the Larynx (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

Years		Joinpoint '	Trend 1	Joinpoint '	Trend 2	Joinpoint	t Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	PC^d
Name		Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
Name	SEER 9 Delay-A	Adiusted Incid	denceª, 1	975-2006									
Refer 1975-1990 1.2* 1990-2006 -2.8*					-2.6*							-2.6*	-2.6*
SEER 13 Delay-Adjusted Incidence ⁵ , 1992-2006 -3.0° -3.	White	1975-1988	0.0	1988-2006	-2.5*							-2.5*	-2.5*
### All Races 1992-2006 -3.0° -3	Black	1975-1990	1.2*	1990-2006	-2.8*							-2.8*	-2.8*
Mark	SEER 13 Delay-	-Adjusted Inc	idence ^b ,	1992-2006									
Black 1992-2006 3.3* -	All Races	1992-2006	-3.0*										
Races 1975-1988 0.1 1988-2006 -2.6*	White	1992-2006	-2.7*									-2.7*	-2.7*
Races 1975-1988 0.1 1988-2006 -2.6* -2.8*	Black	1992-2006	-3.3*									-3.3*	-3.3*
White Black 1975-1988 0.1 1988-2006 -2.6* 2.0* -2.6* 2.6* 2.0* Black 1975-1990 1.2* 1990-2006 -2.9* -2.9* SEER 13 Observed Incidence*, 1992-2006 -2.0* All Races 1992-2006 -3.0* White NHefe 1992-2006 -2.8*													
Black 1975-1990 1.2* 1990-2006 -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.8* -2.8* -2.8* -2.8* -2.8* -2.8* -2.8* -2.8* -2.8* -2.8* -2.8*													
SEER 13 Observed Incidence 1992-2006 3.0* All Races													
All Races 1992-2006 -3.0* White 1992-2006 -2.8* White NHef 1992-2006 -2.8* Black 1992-2006 -3.4* Black NHef 1992-2006 -3.4* Black NHef 1992-2006 -3.4* Alf Anneg 1992-2006 -3.4* Alf Anneg 1992-2006 -3.4* Alf Anneg 1992-2006 -1.6 Hispanic 1992-2006 -2.4* U.S. Cancer Mortality, 1975-2006 All Races White Black White NHef Black White NHef Black Black NHef Black Alf Anneg Hispanic Hi	Black	1975-1990	1.2*	1990-2006	-2.9*							-2.9*	-2.9*
White NHef 1992-2006 -2.8*	SEER 13 Observ	ved Incidence ^l	b, 1992-2	006									
White NHef 1992-2006 -2.8* -2.8* -2.8*		1992-2006	-3.0*										
Black 1992-2006 -3.4* Black NHef 1992-2006 -3.4* Black NHef 1992-2006 -3.4* AI* AI* AI* AI* AI* AI* AI* AI* AI* AI			-2.8*										
Black NHef 1992-2006 -3.4* APIe 1992-2006 -3.4* APIe 1992-2006 -3.4* AI/ANeg 1992-2006 -1.6 AI/Aneg 1992-2006 -2.4* U.S. Cancer Mortalityc, 1975-2006 All Races White Black U.S. Cancer Mortalityc, 1992-2006 All Races White Black Black Black AI/ANeg APIe AI/ANeg			-2.8*										
API ^e 1992-2006 -3.4* AI/AN ^{eg} 1992-2006 -1.6 Hispanic ^e 1992-2006 -2.4* U.S. Cancer Mortality ^c , 1975-2006 All Races White Black U.S. Cancer Mortality ^c , 1992-2006 All Races White White White White White All Races All Races White All Races All R	Black	1992-2006	-3.4*									-3.4*	-3.4*
AI/AN ^{eg} 1992-2006 -1.6 Hispanic ^e 1992-2006 -2.4* U.S. Cancer Mortality ^c , 1975-2006 All Races White Black U.S. Cancer Mortality ^c , 1992-2006 White Black Black White White White Haces White AI/AN ^{eg}	Black NH ^{ef}	1992-2006	-3.4*									-3.4*	-3.4*
Hispanice 1992-2006 -2.4* U.S. Cancer Mortalityc, 1975-2006 All Races White Black U.S. Cancer Mortalityc, 1992-2006 All Races White White NHef Black Black Black NHef APIe AI/ANeg	API ^e	1992-2006	-3.4*									-3.4*	-3.4*
U.S. Cancer Mortality ^c , 1975-2006 All Races White Black U.S. Cancer Mortality ^c , 1992-2006 All Races White White NH ^{ef} Black Black Black NH ^{ef} API ^e AI/AN ^{eg}			-1.6										
All Races White Black U.S. Cancer Mortality ^c , 1992-2006 All Races White White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg}	Hispanic ^e	1992-2006	-2.4*									-2.4*	-2.4*
White Black U.S. Cancer Mortality ^c , 1992-2006 All Races White White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg}	U.S. Cancer Mc	ortality ^c , 197	75-2006										
Black U.S. Cancer Mortality ^c , 1992-2006 All Races White White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg}													
U.S. Cancer Mortality ^c , 1992-2006 All Races White White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg}	White												
All Races White White NHef Black Black NHef APIe AI/ANeg	Black												
White White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg}	U.S. Cancer Mc	ortality ^c , 199	92-2006										
White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg}	All Races												
Black Black NH ^{ef} API ^e AI/AN ^{eg}	White												
Black NH ^{ef} API ^e AI/AN ^{eg}	White NH ^{ef}												
API ^e AI/AN ^{eg}	Black												
API ^e AI/AN ^{eg}	Black NH ^{ef}												
	AI/AN ^{eg}												
	Hispanic ^e												

Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.cancer.gov/joinpoint).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^{*} The APC/AAPC is significantly different from zero (p<.05).</p>

Joinpoint regression line analysis could not be performed on data series.

Table 12.2 Cancer of the Larynx (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint	Trend 1	Joinpoint '	Trend 2	Joinpoin	t Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	C^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	Adiusted Inci	denceª. 1	975-2006									
All Races	1975-1988	-0.3	1988-2006	-2.7*							-2.7*	-2.7*
White	1975-1987	-0.2	1987-2006	-2.7*							-2.7*	-2.7*
Black	1975-1990	0.9	1990-2006	-2.6*							-2.6*	-2.6*
SEER 13 Delay-	-Adjusted Inc	idence ^b ,	1992-2006									
All Races	1992-2006	-3.1*									-3.1*	-3.1*
White	1992-2006	-2.9*									-2.9*	-2.9*
Black	1992-2006	-3.1*									-3.1*	-3.1*
SEER 9 Observe	ed Incidencea	, 1975-20	106									
All Races	1975-1988	-0.3	1988-2006	-2.8*							-2.8*	-2.8*
White	1975-1988	-0.3	1988-2006	-2.9*							-2.9*	-2.9*
Black	1975-1990	0.9	1990-2006	-2.7*							-2.7*	-2.7*
SEER 13 Observ	ved Incidence	^b , 1992-2	1006									
All Races	1992-2006	-3.1*									-3.1*	-3.1*
White	1992-2006	-3.0*									-3.0*	-3.0*
White NH ^{ef}	1992-2006	-3.0*									-3.0*	-3.0*
Black	1992-2006	-3.2*									-3.2*	-3.2*
Black NH ^{ef}	1992-2006	-3.2*									-3.2*	-3.2*
API ^e	1992-2006	-3.1*									-3.1*	-3.1*
AI/AN ^{eg}	1992-2006	-3.3									-3.3	-3.3
Hispanic ^e	1992-2006	-2.4*									-2.4*	-2.4*
U.S. Cancer Mo	ortality ^c , 19	75-2006										
All Races												
White												
Black												
U.S. Cancer Mo	ortality ^c , 199	92-2006										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												
-												
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Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.cancer.gov/joinpoint).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^{*} The APC/AAPC is significantly different from zero (p<.05).</p>

Joinpoint regression line analysis could not be performed on data series.

Table 12.3 Cancer of the Larynx (Invasive)

Trends in SEER Incidence ab and U.S. Mortality Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint	Trend 1	Joinpoint '	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	C^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	Adiusted Incid	dencea. 1	975-2006									
All Races	1975-1989	1.8*	1989-2006	-2.5*							-2.5*	-2.5*
White	1975-1989	1.6*	1989-2006	-2.2*							-2.2*	-2.2*
Black	1975-1989	4.0*	1989-2006	-3.0*							-3.0*	-3.0*
SEER 13 Delay-	-Adjusted Inc	idence ^b ,	1992-2006									
All Races	1992-2006	-3.0*									-3.0*	-3.0*
White	1992-2006	-2.5*									-2.5*	-2.5*
Black	1992-2006	-4.0*									-4.0*	-4.0*
SEER 9 Observe	ed Incidencea,	1975-20	06									
All Races	1975-1989	1.8*	1989-2006	-2.6*							-2.6*	-2.6*
White	1975-1989	1.6*	1989-2006	-2.3*							-2.3*	-2.3*
Black	1975-1989	4.0*	1989-2006	-3.2*							-3.2*	-3.2*
SEER 13 Observ	ved Incidence	°, 1992-2	006									
All Races	1992-2006	-3.1*									-3.1*	-3.1*
White	1992-2006	-2.6*									-2.6*	-2.6*
White NH ^{ef}	1992-2006	-2.4*									-2.4*	-2.4*
Black	1992-2006	-4.1*									-4.1*	-4.1*
Black NH ^{ef}	1992-2006	-4.1*									-4.1*	-4.1*
API ^e	1992-2006	-3.9									-3.9	-3.9
AI/AN ^{eg}	-	-									-	-
Hispanic ^e	1992-2006	-3.0									-3.0	-3.0
U.S. Cancer Mo	ortality ^c , 197	75-2006										
All Races												
White												
Black												
U.S. Cancer Mo	ortality ^c , 199	92-2006										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												
_	int Dogmogaio											

Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.cancer.gov/joinpoint/). The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry). Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

The APC/AAPC is significantly different from zero (p<.05).

Joinpoint regression line analysis could not be performed on data series.

Table 12.4
Cancer of the Larynx (Invasive)

Age-adjusted SEER Incidence Rates by Year, Race and Sex

		All Races	<u> </u>		Whites			Blacks	
	Total	Males	Females	Total	Males	Females	Total	Males	Females
Year of Diagnosis:									
1975	5.02	9.47	1.48	4.96	9.43	1.46	7.08	13.36	_
1976	5.22	10.01	1.39	5.19	9.95	1.44	7.31	14.61	=
1977	5.03	9.72	1.35	4.96	9.68	1.31	7.46	13.89	2.45
1978	5.32	9.80	1.84	5.32	9.80	1.85	6.95	13.20	2.22
1979	5.38	10.08	1.68	5.39	10.20	1.64	7.50	13.22	3.07
1980	5.25	10.01	1.54	5.16	9.88	1.52	7.34	14.47	-
1981	5.39	9.82	1.92	5.31	9.56	2.03	8.09	16.33	-
1982	5.30	9.76	1.80	5.27	9.75	1.79	7.91	14.49	2.88
1983	5.34	9.93	1.73	5.43	10.18	1.69	6.82	12.20	2.63
1984	5.10	9.62	1.58	4.99	9.58	1.46	8.46	14.85	3.44
1985	5.41	9.93	1.92	5.41	10.01	1.88	8.41	15.40	3.28
1986	5.00	9.39	1.61	4.93	9.19	1.67	7.74	15.36	2.08
1987	5.19	9.41	1.92	5.13	9.33	1.89	8.25	15.20	3.12
1988	5.20	9.58	1.87	5.19	9.57	1.85	8.17	14.93	3.21
1989	5.02	8.90	2.00	4.98	8.88	1.92	7.89	14.25	3.28
1990	5.10	9.17	1.92	4.99	8.96	1.87	9.46	17.72	3.59
1991	4.73	8.46	1.80	4.79	8.53	1.87	6.59	12.27	2.28
1992	4.97	9.06	1.77	4.87	8.88	1.72	8.64	15.66	3.40
1993	4.38	8.13	1.48	4.38	8.04	1.55	6.94	14.10	1.71
1994	4.66	8.33	1.76	4.53	8.13	1.67	8.91	15.96	3.71
1995	4.41	7.89	1.62	4.42	7.86	1.63	6.82	13.15	2.25
1996	4.27	7.58	1.64	4.27	7.58	1.61	6.48	11.51	2.78
1997	4.22	7.53	1.62	4.14	7.31	1.62	7.21	13.46	2.74
1998	3.86	6.78	1.59	3.72	6.51	1.55	6.60	12.03	2.73
1999	4.19	7.07	1.85	4.16	7.02	1.78	7.10	12.17	3.55
2000	4.05	7.27	1.44	4.05	7.21	1.47	6.05	11.39	2.18
2001	3.64	6.54	1.26	3.58	6.32	1.29	6.18	12.17	1.82
2002	3.54	6.29	1.32	3.45	6.11	1.29	6.30	11.23	2.67
2003	3.33	5.94	1.23	3.33	5.84	1.28	5.02	9.50	1.81
2004	3.45	6.07	1.36	3.42	5.93	1.38	5.82	10.99	2.27
2005	3.44	6.14	1.28	3.47	6.10	1.34	5.53	10.35	1.95
2006	3.24	5.71	1.22	3.28	5.65	1.31	5.17	10.22	1.50
1975-2006	4.52	8.21	1.60	4.51	8.17	1.60	6.99	13.09	2.49

SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).
Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 12.6 Cancer of the Larynx (Invasive)

SEER Incidence^a and U.S. Death^b Rates, Age-Adjusted and Age-Specific Rates, by Race and Sex

		All Races			Whites			Blacks	
	Total	Males	Females	Total	Males	Females	Total	Males	Females
SEER Incidence Age at Diagnosis Age-Adjusted Rates, 2002-2006 All ages Under 65 65 and over	3.5 1.8 15.4	6.2 2.9 29.4	1.3 0.7 5.3	3.5 1.7 15.7	6.2 2.8 29.7	1.3 0.7 5.5	5.6 3.2 21.9	10.5 5.6 44.1	2.0 1.2 7.4
All ages (IARC world std) ^c	2.5	4.3	0.9	2.5	4.2	1.0	4.1	7.6	1.5
Age-Specific Rates, 2002-2006 <1 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84 85+		- - - - 0.2 0.5 1.6 4.2 8.3 14.2 21.4 27.5 32.0 30.5 29.6		- - - - - 0.2 0.3 1.2 2.5 4.8 8.2 12.6 16.1 18.3 15.8 14.5		- - - - - 0.2 0.7 1.1 1.7 3.1 4.7 6.3 6.8 5.1 4.7 2.9	- - - - 0.5 1.9 5.1 9.5 16.3 21.6 26.8 24.8 23.8 15.4	- - - - - - 2.6 8.5 16.7 29.4 39.9 50.0 48.0 48.4 35.4 25.2	- - - - - 1.3 2.1 3.5 5.5 6.9 9.2 8.6 8.7

U.S. Mortality Age at Death Age-Adjusted Rates, 2002-2006 All ages Under 65 65 and over All ages (IARC world std)^c Age-Specific Rates, 2002-2006 <1 1 - 45-9 10-14 15-19 20 - 2425-29 30 - 3435-39 40 - 4445-49 50-54 55-59

60-64 65-69 70 - 7475-79 80 - 8485+

SEER 17 areas. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130), unless noted.

US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130), unless noted.

C Rates are per 100,000 and are age-adjusted to the IARC world standard population.

Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 12.7 Cancer of the Larynx (Invasive)

Survival Rates, by Race, Sex, Diagnosis Year, Stage and Age

		All Races			Whites			Blacks	
	Total	Males	Females	Total	Males	Females	Total	Males	Females
5-Year Relative Survival	Datas								
	Rates								
Year of Diagnosis:				F-2	E 4	4.6			
1960-1963 ^ā	-	-	-	53	54	46	_	_	_
1970-1973 ^a	_		_	62	63	56			_
1975-1977 ^b	66.6	67.3	62.8	67.3	68.1	62.5	59.2	58.3	63.5 ^f
1978-1980 ^b	66.0	66.3	64.6	67.0	67.3	65.3	57.1	57.3	56.0 ^f
1981-1983 ^b	68.8	69.0	67.8	70.2	70.4	69.3	56.5	57.3	53.1 ^f
1984-1986 ^b	65.7	66.4	62.3	67.6	68.2	64.2	52.8	53.4	50.8 ^f
1987-1989 ^b	66.4	67.5	62.4	67.8	69.3	61.9	57.2	55.2	63.2 ^f
1990-1992 ^b	66.6	67.4	63.4	68.4	69.2	65.5	53.3	53.9	51.1 ^f
1993-1995 ^b	63.9	65.5	57.3	65.5	67.3	58.2	53.0	54.2	48.0 ^f
1996-1998 ^b	65.1	66.8	59.2	67.0	68.5	61.7	53.6	56.7	44.6 ^f
1999-2005 ^b	63.2 ^e	63.9 ^e	60.6	65.5	66.1	62.9	50.1 ^e	51.3	46.5
1999-2005	03.2	03.9	60.6	05.5	60.1	02.9	50.1	51.5	40.5
5-Year Period Survival R	ates ^{cd}								
Year of Diagnosis:									
1999-2005	61.3	62.5	56.4	62.6	63.8	57.9	50.2	51.7	44.4
Stage Distribution (%) 1 All Stages	999-2005 ^c								
Number of cases	13,972	11,203	2,769	11,355	9,072	2,283	2,023	1,618	405
	100%	100%	100%	100%	100%	100%		100%	100%
Percent							100%		
Localized	59	60	53	61	62	54	47	47	46
Regional	19	18	26	19	17	25	24	22	30
Distant	17	17	15	16	16	14	25	26	20
Unstaged	5	5	6	5	5	6	4	4	4
5-Year Relative Survival	Rates, 1999-	2005°							
Age at Diagnosis:								_	_
Ages <45	71.5	69.6	75.7	74.8	73.0	78.7	56.3	52.6 ^f	65.4 ^f
Ages 45-54	62.0	62.2	61.1	65.6	65.8	65.0	47.6	48.1	45.2 ^f
Ages 55-64	62.0	63.0	57.7	63.6	64.6	59.3	51.0	52.6	44.3 ^f
Ages 65-74	60.5	61.9	55.5	60.6	61.8	55.6	54.4	57.2	42.8 ^f
Ages 75+	57.4	59.8	49.2	58.7	60.8	51.4	40.9 ^f	43.3 ^f	32.2 ^g
Ages <65	63.0	63.4	61.6	65.4	65.8	63.9	50.4	50.9	48.5
Ages 65+	59.7	61.4	53.6	60.1	61.7	54.4	50.4	53.5	39.9 ^f
3							22.0		
Stage:	61 -	60 5	FO 1	62.7	64.6	F0 6	F0 F	F1 6	46.5
All Stages	61.6	62.5	58.1	63.1	64.0	59.6	50.5	51.6	46.1
Localized	77.9	78.9	73.7	78.3	79.1	74.5	72.3	74.3	64.7
Regional	42.1	41.2	44.4	43.3	42.1	46.2	35.5	36.0	34.3 ^f
Distant	32.4	32.2	33.3	33.6	33.4	34.3	26.5	27.1	21.7 ^f
Unstaged	45.6	47.8	37.5 ^f	45.3	48.2	35.1 ^f	29.2 ^f	30.8 ^f	_

Rates are based on End Results data from a series of hospital registries and one population-based registry.

Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Rates are based on follow-up of patients into 2006.

Rates are from the SEER 17 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey). California excluding SF/SJM/LA, Kentucky, Louisiana, and New Jersey contribute cases for diagnosis years 2000-2005. The remaining 13 SEER Areas contribute cases for the entire period 1999-2005. Rates are based on follow-up of patients into 2006. Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three year calendar blocks (2003-2005: 0-1 year survival),

^{(2002-2004: 1-2} year survival), (2001-2003: 2-3 year survival), (2000-2002: 3-4 year survival), (1999-2001: 4-5 years survival).

The difference in rates between 1975-1977 and 1999-2005 is statistically significant (p<.05).

The standard error of the survival rate is between 5 and 10 percentage points.

The standard error of the survival rate is greater than 10 percentage points.

Statistic could not be calculated due to fewer than 25 cases during the time period.

Table 12.8 Cancer of the Larynx (Invasive)

Survival Ratesa By Year of Diagnosis

All Races, Males and Females

Year of Diagnosis

	1975- 1979	1980- 1984	1985- 1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Relative Surviva	al Rates	(SEER ^b)																	
1-year	88.6	89.1	88.9	87.8	90.8	88.5	87.8	87.5	89.5	88.7	86.2	86.7	86.0	85.8	85.9	84.9	84.6	87.1	87.1
2-year	79.2	80.3	79.5	77.8	81.0	78.4	79.4	77.4	80.2	79.6	78.0	76.2	75.2	77.1	76.0	75.2	74.7	75.7	
3-year	73.4	74.8	74.0	71.4	74.4	74.0	72.6	70.0	75.1	74.3	72.2	70.7	71.2	71.3	71.2	70.4	67.2		
4-year	69.1	70.6	69.3	67.0	70.4	69.8	66.5	65.7	69.5	69.6	68.7	67.8	69.1	67.1	67.2	68.1			
5-year	66.1	67.4	66.6	65.4	68.0	66.2	62.5	62.9	66.2	65.9	65.5	63.7	64.7	63.9	64.0				
6-year	63.9	64.6	63.4	61.5	64.1	62.9	60.1	58.6	63.6	63.7	62.5	59.8	61.4	61.0					
7-year	61.8	62.1	61.0	59.7	62.9	60.2	57.8	56.6	60.4	61.4	60.4	56.3	58.2						
8-year	60.0	60.5	58.2	57.6	59.3	57.5	55.6	55.0	57.6	58.1	57.8	53.5							
9-year	57.8	58.4	55.7	55.4	56.9	55.4	52.7	51.3	54.9	54.6	56.6								
11-year	55.7	56.7	53.5	53.0	55.0	52.3	50.0	49.9	51.7	52.5									
10-year	54.4	54.5	51.3	51.2	53.6	49.9	47.8	48.5	48.3										
12-year	52.7	51.9	49.3	49.0	52.4	47.4	46.1	47.9											
13-year	51.6	49.8	48.2	45.9	51.3	44.0	44.6												
14-year	50.3	48.6	45.6	44.4	49.7	42.0													
15-year	48.2	47.0	43.1	43.0	48.8														
16-year	46.2	44.6	41.7	41.0															
17-year	44.1	43.2	40.3																
18-year	43.2	41.6																	
19-year	41.6	40.3																	
20-year	39.7	38.9																	

Survival rates are relative rates expressed as percents.
Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Table 12.9 Cancer of the Larynx (Invasive)

Survival Ratesa By Year of Diagnosis

All Races, Males

Year of Diagnosis

	1975- 1979	1980- 1984	1985- 1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Relative Surviva	l Rates	(SEER ^b)																	
1-year	88.9	89.3	89.3	88.2	90.8	88.8	88.2	89.7	91.4	88.3	88.7	87.7	87.4	86.0	86.4	85.5	84.5	87.7	87.1
2-year	79.3	80.5	79.8	78.6	81.6	79.4	80.1	79.5	81.8	79.6	80.7	77.0	76.5	77.7	76.0	75.5	75.6	76.0	
3-year	73.8	75.2	74.5	71.7	74.6	74.3	74.4	71.9	76.5	74.3	74.9	71.5	72.1	71.9	71.8	71.3	68.9		
4-year	69.5	71.2	70.1	67.8	70.8	70.5	68.3	67.1	71.4	69.6	71.1	69.1	70.2	67.7	67.5	69.3			
5-year	66.6	67.9	67.4	66.1	68.8	66.9	64.4	64.2	67.9	66.3	68.0	65.6	66.3	64.5	64.2				
6-year	64.4	65.1	64.2	62.2	64.7	63.5	62.1	60.3	65.4	64.0	65.3	62.7	62.8	61.8					
7-year	62.4	62.6	62.0	60.6	63.6	60.6	60.0	58.3	62.1	61.7	63.3	59.4	59.4						
8-year	60.5	61.2	59.5	58.5	59.8	58.6	57.6	57.3	59.0	58.3	60.8	56.2							
9-year	58.3	59.1	57.4	56.8	57.5	56.3	54.2	53.4	56.6	54.6	59.0								
11-year	56.5	57.6	55.4	54.5	55.1	53.0	51.5	51.7	53.6	52.5									
10-year	55.5	55.3	53.4	52.6	54.0	50.9	49.3	50.2	50.0										
12-year	54.1	52.8	51.6	50.7	52.9	48.3	47.4	49.3											
13-year	53.1	50.7	50.7	47.6	52.2	45.5	45.9												
14-year	51.7	49.3	48.4	46.6	50.0	43.4													
15-year	49.7	47.4	45.8	45.4	48.8														
16-year	47.7	45.3	44.4	43.4															
17-year	45.6	44.4	43.0																
18-year	44.7	42.6																	
19-year	42.9	41.3																	
20-year	41.2	39.9																	

Survival rates are relative rates expressed as percents.
Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Table 12.10 Cancer of the Larynx (Invasive)

Survival Rates^a By Year of Diagnosis

All Races, Females

Year of Diagnosis

	1975- 1979	1980- 1984	1985- 1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Relative Surviva	l Rates	(SEER ^b)																	
1-year	87.1	88.5	87.6	86.0	90.2	87.3	85.9	78.6	81.7	90.6	76.9	83.4	81.3	85.0	83.3	82.5	85.1	85.0	87.0
2-year	78.5	79.2	77.9	74.8	78.9	74.1	76.1	69.3	73.4	79.6	68.2	73.7	71.1	74.5	76.1	74.0	70.7	74.7	
3-year	71.6	72.7	71.7	70.2	73.4	72.5	65.3	62.5	69.4	74.5	62.6	68.1	68.1	68.5	67.8	66.6	60.4		
4-year	67.2	68.1	66.2	63.8	69.1	66.8	58.7	60.2	61.8	69.7	60.0	63.4	65.3	64.8	66.1	63.2			
5-year	63.8	65.0	63.5	62.3	64.5	63.2	54.3	57.8	59.4	63.7	56.4	57.5	59.3	61.3	63.2				
6-year	61.6	62.4	60.4	58.9	61.8	60.1	52.0	52.0	55.9	62.6	52.9	50.6	56.3	57.3					
7-year	58.8	59.9	57.0	56.2	60.0	58.6	49.1	50.0	53.5	59.7	50.2	46.6	53.7						
8-year	57.6	57.7	53.6	53.8	56.9	53.3	47.6	46.6	51.9	57.2	47.8	45.5							
9-year	55.1	55.6	49.2	50.3	54.8	51.2	46.6	43.5	48.3	54.5	47.8								
11-year	51.9	53.1	46.5	47.4	54.6	49.3	44.1	43.3	44.1	52.4									
10-year	49.4	50.7	43.6	46.4	52.1	45.4	42.1	42.1	41.6										
12-year	46.6	48.6	41.2	43.0	50.0	43.4	40.5	42.1											
13-year	45.2	46.4	39.4	39.8	47.7	38.1	39.7												
14-year	43.9	45.6	35.9	36.4	47.7	36.5													
15-year	41.9	45.1	34.2	35.1	47.7														
16-year	40.3	41.7	32.6	33.1															
17-year	37.9	38.4	31.3																
18-year	37.2	37.8																	
19-year	36.5	36.6																	
20-year	34.0	35.7																	

Survival rates are relative rates expressed as percents.
Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Table 12.12 Cancer of the Larynx (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends^a By Race/Ethnicity and Sex

SEER Incidence	Rate	R 17 Are 2002-2 100,00			ER 13 Ar nd 1997-1 AAPC (%	2006°	Tren	R 9 Are d 1997-2 AAPC (%	2006 ^d
	Total	Males	Females	<u>Total</u>	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	3.5	6.2	1.3	-3.0*	-3.1*	-3.1*	-2.6*	-2.8*	-2.6*
White	3.5	6.2	1.3	-2.8*	-3.0*	-2.6*	-2.6*	-2.9*	-2.3*
White Hispanic ^e	2.5	5.0	0.6	-2.4*	-2.4*	_	_	_	-
White Non-Hispanic ^e	3.7	6.4	1.4	-2.8*	-3.0*	-2.4*	-		
Black	5.6	10.5	2.0	-3.4*	-3.2*	-4.1*	-2.9*	-2.7*	-3.2*
Asian/Pacific Islander	1.3	2.7	0.3	-3.4*	-3.1*	-	-	-	-
Amer Ind/Alaska Nat ^f	1.5	2.4	-	-	-	-	-	-	-
Hispanic ^e	2.5	4.9	0.6	-2.4*	-2.4*	-	-	-	-
U.S. Mortality ^g						h			
		2002-2	006 O persons		nd 1997-: AAPC (%)				
	Total	Males	Females	Total	Males	Females			

RACE/ETHNICITY

All Races

White White Hispanice
White Non-Hispanice

Black

Asian/Pacific Islander

Amer Ind/Alaska Nat Total U.S. CHSDA Counties Non-CHSDA Counties

Hispanic^e

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends

are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 2 Joinpoints over diagnosis years 1992-2006.

The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1975-2006.

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2002-2006 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1997-2006 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma and Vermont.

f Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

US Mortality Files, National Center for Health Statistics, CDC.

The 1997-2006 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2006.

The APC is significantly different from zero (p<.05).

Table 12.13 Cancer of the Larynx (Invasive)

Age-Adjusted SEER Incidence Rates^a By Registry, Race and Sex

	All Races Total Males Females				Whites			Blacks	
	Total	Males	Females	Total	Males	Females	Total	Males	Females
SEER Incidence Rates ^a , 2002-2006									
Atlanta & Rural Georgia	3.82	7.02	1.45	3.58	6.38	1.47	4.54	9.03	1.52
Atlanta	3.72	6.77	1.46	3.47	6.11	1.49	4.43	8.85	1.48
Rural Georgia	6.25	12.31	-	6.08	12.12	-	6.87	-	-
California	2.78	5.05	0.96	2.89	5.18	1.02	4.53	8.31	1.69
Greater Bay Area	2.44	4.39	0.89	2.56	4.53	0.99	4.88	8.57	2.17
San Francisco-Oakland	2.62	4.78	0.92	2.69	4.83	0.97	5.20	9.15	2.36
San Jose-Monterey	2.08	3.64	0.83	2.34	3.99	1.01	-	-	-
Los Angeles	2.73	5.24	0.80	2.80	5.33	0.82	4.38	8.46	1.49
Greater California	2.93	5.20	1.06	3.02	5.33	1.12	4.48	7.96	1.64
Connecticut	3.88	6.94	1.47	3.76	6.72	1.42	5.95	11.41	2.13
Detroit	4.64	8.25	1.77	4.15	7.29	1.58	6.79	12.74	2.58
Hawaii	2.53	4.98	-	4.18	7.49	-	-		-
Iowa	4.22	7.36	1.67	4.18	7.31	1.65	8.09		-
Kentucky	5.59	9.56	2.44	5.53	9.45	2.40	6.76	12.16	2.81
Louisiana	5.68	10.15	2.08	5.07	8.87	1.95	7.46	14.45	2.40
New Jersey	3.91	7.20	1.36	3.84	7.04	1.34	5.31	10.21	1.88
New Mexico	2.79	4.83	1.08	2.95	5.08	1.15	_	_	_
Seattle-Puget Sound	3.11	5.26	1.34	3.25	5.41	1.44	3.98	7.74	_
Utah	1.68	2.96	0.60	1.71	2.99	0.62	-	-	=
9 SEER Areas ^b	3.40	6.02	1.28	3.39	5.92	1.32	5.56	10.45	2.03
11 SEER Areas ^b	3.17	5.71	1.15	3.20	5.69	1.20	5.22	9.83	1.88
13 SEER Areas ^b	3.18	5.73	1.15	3.21	5.70	1.20	5.24	9.87	1.89
17 SEER Areas ^b	3.49	6.24	1.28	3.49	6.18	1.32	5.56	10.48	1.97

Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130)
The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.
The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.
The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.
The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 12.18 Cancer of the Larynx (Invasive)

Estimated United States Cancer Prevalence Counts^a on January 1, 2006 By Race/Ethnicity, Sex and Years Since Diagnosis

Years Since	Diagnosis	0 to <5	5 to <10	10 to <15	15 to <20	20 to <25	25 to <30	0 to <16 ^e	0 to <31 ^e	>=31 ^g	Complete ^h
Race All Races ^b	<u>Sex</u> Both Sexes Males Females	30,174 24,109 6,065	21,452 16,972 4,480	15,138 12,146 2,992	10,127 8,124 2,003	7,016 5,592 1,424	3,697 3,040 657	69,307 55,235 14,072	88,041 70,364 17,677	3,529 2,880 649	91,570 73,244 18,326
White ^b	Both Sexes	25,135	18,490	13,143	8,652	6,406	3,347	58,950	75,507	2,841	78,348
	Males	20,026	14,728	10,534	7,076	5,162	2,730	47,017	60,553	2,310	62,863
	Females	5,109	3,762	2,609	1,576	1,244	617	11,933	14,954	531	15,485
Black ^b	Both Sexes	4,254	2,395	1,708	1,223	528	253	8,650	10,460	244	10,704
	Males	3,391	1,760	1,396	885	368	229	6,764	8,108	208	8,316
	Females	863	635	312	338	160	24	1,886	2,352	36	2,388
Asian/	Both Sexes	505	320	201	+	+	+	1,050	+	+	+
Pacific	Males	451	278	174	+	+	+	923	+	+	+
Islander ^c	Females	54	42	27	+	+	+	127	+	+	+
Hispanic ^d	Both Sexes	1,457	960	591	+	+	+	3,137	+	+	+
	Males	1,232	798	493	+	+	+	2,630	+	+	+
	Females	225	162	98	+	+	+	507	+	+	+

Estimated prevalence percent on January 1, 2006, of the SEER 11 population diagnosed in the previous 16 years By Age at Prevalence, Race/Ethnicity and Sex

		Age Specific (Crude)										Age-Adjustedf
Age at Prevalence		All Ages	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	+08	All Ages
Race All Races ^c	<u>Sex</u> Both Sexes Males	0.0191% 0.0311%	<u>-</u>	-	0.0002%	0.0009% 0.0010%	0.0064% 0.0091%	0.0284% 0.0464%	0.0805% 0.1401%	0.1178% 0.2174%	0.0869% 0.2001%	0.0200% 0.0365%
	Females	0.0074%	_	_	0.0003%	0.0007%	0.0031%	0.0112%	0.0267%	0.0409%	0.0241%	0.0071%
White ^c	Both Sexes	0.0207%	-	-	0.0002%	0.0010%	0.0069%	0.0289%	0.0828%	0.1225%	0.0884%	0.0207%
	Males	0.0332%	-	-	-	0.0011%	0.0094%	0.0465%	0.1428%	0.2214%	0.2032%	0.0371%
	Females	0.0082%	-	-	0.0004%	0.0009%	0.0042%	0.0116%	0.0271%	0.0443%	0.0254%	0.0076%
Black ^c	Both Sexes	0.0205%	-	-	-	0.0009%	0.0075%	0.0473%	0.1231%	0.1533%	0.0972%	0.0278%
	Males	0.0341%	-	-	-	-	0.0114%	0.0816%	0.2201%	0.3131%	0.2470%	0.0535%
	Females	0.0082%	-	-	-	-	0.0041%	0.0187%	0.0477%	0.0470%	0.0247%	0.0100%
Asian/	Both Sexes	0.0088%	-	-	-	-	0.0025%	0.0093%	0.0310%	0.0631%	0.0681%	0.0097%
Pacific	Males	0.0160%	-	-	-	-	0.0049%	0.0168%	0.0610%	0.1295%	0.1506%	0.0198%
Islander ^c	Females	0.0021%	-	-	-	-	-	0.0028%	0.0056%	0.0144%	0.0138%	0.0021%
Hispanic ^d	Both Sexes	0.0068%	-	-	-	0.0009%	0.0038%	0.0143%	0.0536%	0.0862%	0.0701%	0.0138%
	Males	0.0111%	-	-	-	0.0010%	0.0047%	0.0249%	0.1049%	0.1731%	0.1557%	0.0271%
	Females	0.0023%	-	-	-	-	0.0028%	0.0043%	0.0100%	0.0230%	0.0204%	0.0039%

US 2006 cancer prevalence counts are based on 2006 cancer prevalence proportions from the SEER registries and 1/1/2006 US population estimates based on the average of 2005 and 2006 population estimates from the US Bureau of the Census. Prevalence was calculated using the First Malignant Primary Only for a person.
Statistics based on (b) SEER 9 Areas (c) SEER 11 Areas and Rural Georgia (d) NHIA for Hispanic for SEER 11 Areas and

Statistic not shown. Statistic based on fewer than 5 cases estimated alive in SEER for the time interval.

Not available.

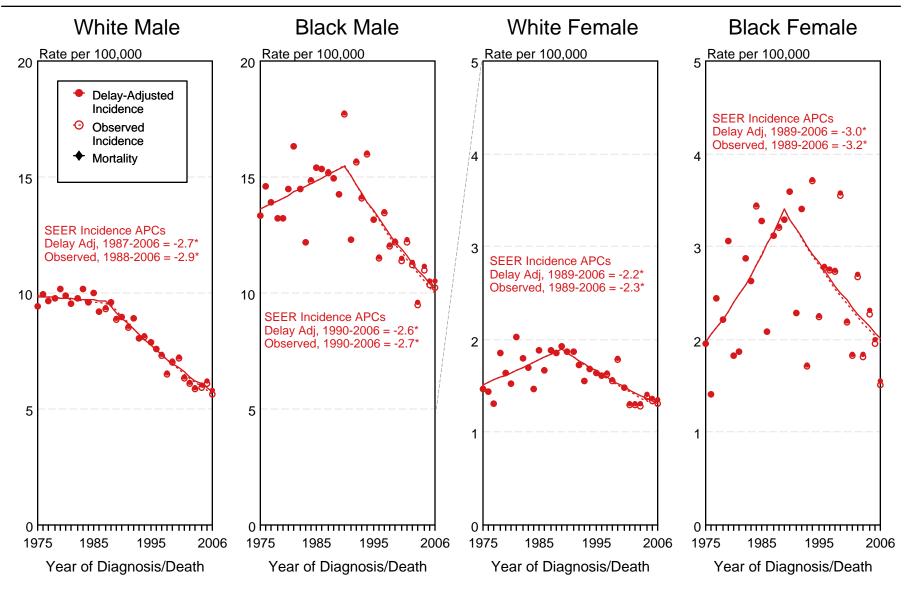
bcd Rural Georgia.

f

Maximum limited-duration prevalence: 31 years for 1975-2006 SEER 9 data; 16 years for 1990-2006 SEER 11 data (used to calculate prevalence for Hispanics and Asian Pacific Islanders).

Percentages are age-adjusted to the 2000 US Standard Population (19 age groups - Census P25-1130) by 5-year age groups. (g) Cases diagnosed more than 31 years ago were estimated using the completeness index method (Capocaccia et. al. 1997, Merrill et. al. 2000). (h) Complete prevalence is obtained by summing 0 to <31 and >=31. (i) Age-specific completeness index was approximated using empirical data from historical Connecticut tumor registry. ghi

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Larynx, by Race and Sex

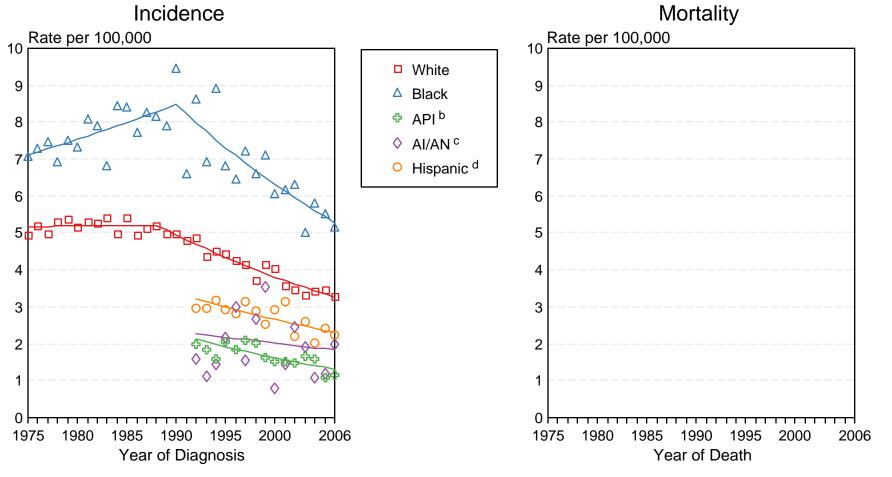


Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Incidence and US Death Rates^a Cancer of the Larynx, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2006 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2006



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2006 period allow a maximum of 4 joinpoints. Analyses for other ethnic groups during the period 1992-2006 allow a maximum of 2 joinpoints.

b API = Asian/Pacific Islander.

c Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.